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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED SEPTEMBER, 1982

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

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SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

1982 ISSUE NO. 9
RELEASE DATE: NOVEMBER 12, 1982

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

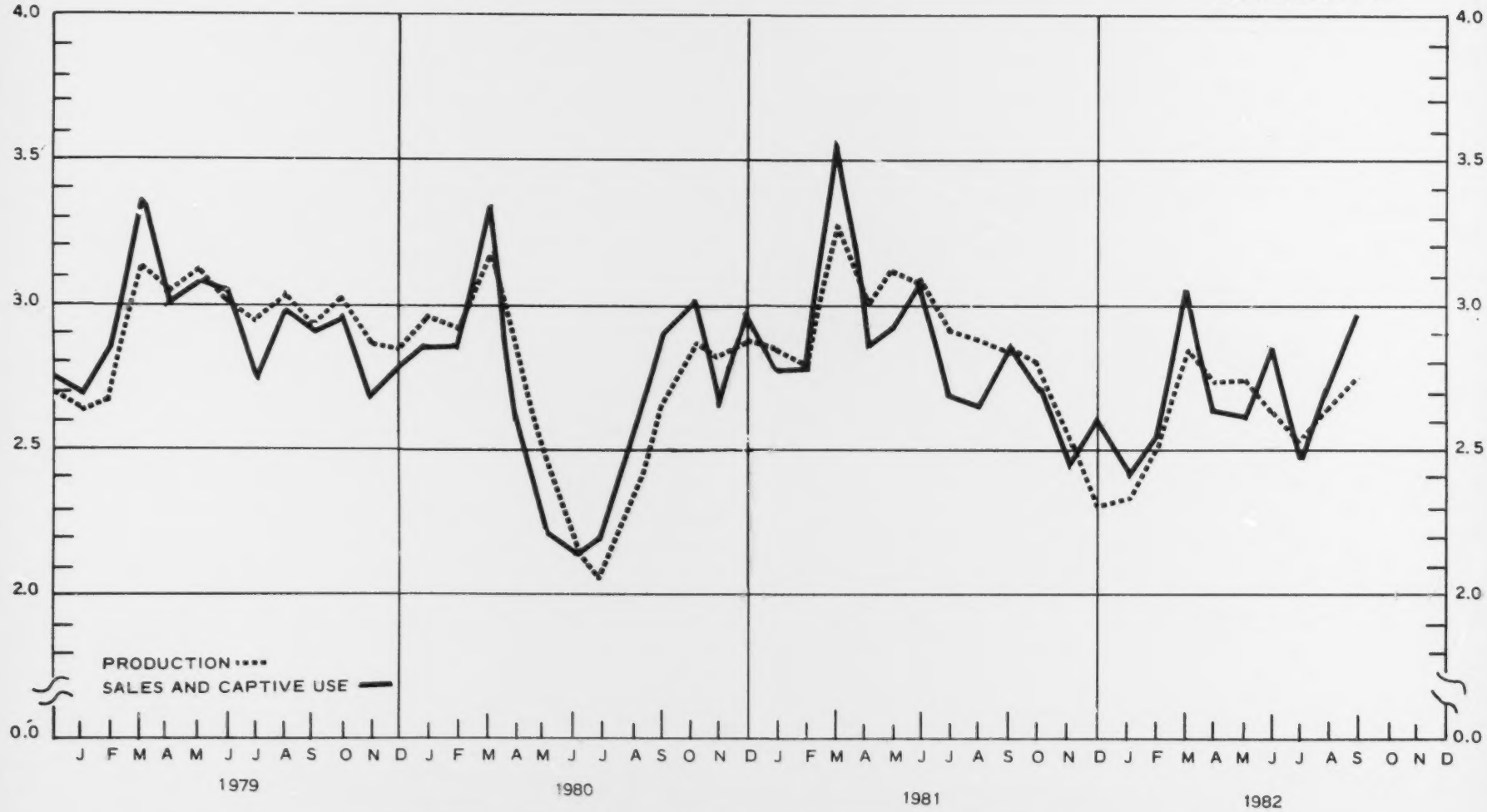
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

SEPTEMBER, 1982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PRODUCTION
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

CRS

SEPTEMBER 1982

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* RESINS, TOTAL	22,934	27,334	-16.1	236,299	256,953	-8.0	25,439	27,718	-8.2	222,149	252,217	-11.9
POLYESTER *(UNSATURATED)* RESINS, TOTAL	72,382	85,309	-15.2	665,002	773,615	-14.0	73,470	85,448	-14.0	669,559	791,446	-15.4
UREA RESINS, TOTAL	84,538	100,618	-16.0	725,824	905,231	-19.8	85,897	101,997	-15.8	742,416	928,107	-20.0
MELAMINE RESINS, TOTAL	13,487	15,086	-10.6	117,714R	137,703	-14.5	13,815	15,794	-12.5	119,756R	141,076	-15.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	178,262	199,355	-10.6	1,525,091R	1,858,977	-18.0	174,080	196,684	-11.5	1,479,580R	1,828,090	-19.1
THERMOSETTING RESINS, TOTAL	371,603	427,702	-13.1	3,269,930R	3,932,479	-16.8	372,701	427,641	-12.8	3,233,460R	3,940,936	-18.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	726,731	627,406	+15.8	5,632,794R	5,653,453	-0.4	646,649	610,169	+6.0	5,519,868R	5,958,385	-7.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	433,165	397,904	+8.9	3,669,485	3,601,027	+1.9	417,669	375,542	+11.2	3,563,124R	3,603,494	-0.6
POLYPROPYLENE, TOTAL	316,027	308,654	+2.4	2,738,578	2,948,932	-7.1	280,706	308,815	-9.1	2,582,379	3,082,280	-16.2
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	63,297	74,515	-15.1	564,186	714,009	-21.0	63,252	81,616	-22.5	575,400	724,439	-20.6
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	6,799	12,722	-46.6	63,062	84,413	-25.3	5,033	9,161	-45.1	72,005	84,370	-14.7
POLYSTYRENE, TOTAL	309,391	338,392	-8.6	2,445,768	2,725,096	-10.3	302,236	332,387	-9.1	2,420,399R	2,756,395	-12.2
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	40,877	50,194	-18.6	356,473R	484,172	-26.4	41,892	54,861	-23.6	361,683R	494,771	-26.9
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated*	1,827	2,717	-32.8	17,327	30,393	-43.0	1,712	2,866	-40.3	15,294	30,811	-50.4
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	11,953	12,097	-1.2	104,419	121,288	-13.9	12,743	15,339	-16.9	102,835	123,025	-16.4
NYLON RESINS, TOTAL	21,499	23,376	-8.0	194,032R	225,029	-13.8	19,774	25,054	-21.1	180,722R	242,335	-25.4
POLYVINYL CHLORIDE & COPOLYMERS- *(DRY RESIN CONTENT)*, TOTAL	542,011	451,635	+20.0	4,181,336R	4,452,819	-6.1	477,889	455,626	+4.9	4,042,661R	4,566,602	-11.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	51,771	56,846	-8.9	434,751	501,339	-13.3	51,771*	56,846*	-8.9	434,751*	501,339*	-13.3
POLYVINYL ALCOHOL, TOTAL #										3,971	*	
OTHER VINYL RESINS, TOTAL	13,965	16,263	-14.1	129,489	148,485	-12.8	13,609	17,015	-20.0	136,363	156,704	-13.0
THERMOPLASTIC POLYESTER, TOTAL	52,733	49,312	+6.9	469,623	448,208	+4.8	45,811	52,258	-12.3	478,003	461,895	+3.5
THERMOPLASTIC RESINS, TOTAL	2,592,046	2,422,033	+7.0	21,001,323R	22,138,663	-5.1	2,380,746	2,397,555	-0.7	20,509,458R	22,786,845	-10.0
GRAND TOTAL	2,963,649	2,849,735	+4.0	24,271,253R	26,071,142	-6.9	2,753,447	2,825,196	-2.5	23,742,918R	26,727,781	-11.2

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

R = Revision

= Polyvinyl Alcohol data has been deleted on a temporary basis for disclosure reasons.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis) (1)

SEPTEMBER 1982

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* RESINS, TOTAL	10,403	12,399	-16.1	107,185	116,553	-8.0	11,539	12,573	-8.2	100,766	114,405	-11.9
POLYESTER *(UNSATURATED)* RESINS, TOTAL	32,832	38,696	-15.2	301,643	350,909	-14.0	33,326	38,759	-14.0	303,710	358,998	-15.4
UREA RESINS, TOTAL	38,346	45,640	-16.0	329,232	410,610	-19.8	38,963	46,266	-15.8	336,758	420,987	-20.0
MELAMINE RESINS, TOTAL	6,118	6,843	-10.6	53,395R	62,462	-14.5	6,266	7,164	-12.5	54,321R	63,992	-15.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	80,859	90,427	-10.6	691,777R	843,226	-18.0	78,962	89,215	-11.5	671,133R	829,216	-19.1
THERMOSETTING RESINS, TOTAL	168,558	194,005	-13.1	1,483,232R	1,783,760	-16.8	169,056	193,977	-12.8	1,466,688R	1,787,598	-18.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	329,643	284,589	+15.8	2,555,019R	2,564,389	-0.4	293,318	276,771	+6.0	2,503,796R	2,702,706	-7.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	196,482	180,488	+8.9	1,664,467	1,633,415	+1.9	189,453	170,345	+11.2	1,625,294R	1,634,534	-0.6
POLYPROPYLENE, TOTAL	143,349	140,005	+2.4	1,242,211	1,337,627	-7.1	127,327	140,078	-9.1	1,171,359	1,398,113	-16.2
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	28,711	33,800	-15.1	255,913	323,872	-21.0	28,691	37,021	-22.5	261,000	328,603	-20.6
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,084	5,771	-46.6	28,605	38,289	-25.3	2,283	4,155	-45.1	32,661	38,270	-14.7
POLYSTYRENE, TOTAL	140,339	153,494	-8.6	1,109,393	1,236,095	-10.3	137,093	150,770	-9.1	1,097,886R	1,250,293	-12.2
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	18,542	22,768	-18.6	161,695R	219,619	-26.4	19,002	24,885	-23.6	164,058R	224,427	-26.9
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated*	829	1,232	-32.7	7,859	13,786	-43.0	777	1,300	-40.2	6,937	13,976	-50.4
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	5,422	5,487	-1.2	47,364	55,016	-13.9	5,780	6,958	-16.9	46,646	55,804	-16.4
NYLON RESINS, TOTAL	9,752	10,603	-8.0	88,012R	102,072	-13.8	8,969	11,364	-21.1	81,975R	109,922	-25.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	245,855	204,860	+20.0	1,896,642R	2,019,785	-6.1	216,769	206,671	+4.9	1,833,739R	2,071,397	-11.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	23,483	25,785	-8.9	197,202	227,406	-13.3	* 23,483	* 25,785	-8.9	* 197,202	* 227,406	-13.3
POLYVINYL ALCOHOL, TOTAL #												
OTHER VINYL RESINS, TOTAL	6,334	7,377	-14.1	58,736	67,352	-12.8	6,173	7,718	-20.0	61,854	71,080	-13.0
THERMOPLASTIC POLYESTER, TOTAL	23,920	22,368	+6.9	213,020	203,306	+4.8	20,780	23,704	-12.3	216,821	209,514	+3.5
THERMOPLASTIC RESINS, TOTAL	1,175,745	1,098,627	+7.0	9,526,138R	10,042,029	-5.1	1,079,898	1,087,525	-0.7	9,301,228R	10,336,045	-10.0
GRAND TOTAL	1,344,303	1,292,632	+4.0	11,009,370R	11,825,789	-6.9	1,248,954	1,281,502	-2.5	10,767,916R	12,123,643	-11.2

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

R = REVISION

(1) *Except phenolic resins which are reported on a gross weight basis.*

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

\# = Polyvinyl Alcohol data has been deleted on a temporary basis for disclosure reasons.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

SEPTEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EPOXY *(UNMODIFIED)* RESINS, TOTAL	22,934	27,334	-16.1	236,299	256,953	-8.0	25,439	27,718	-8.2	222,149	252,217	-11.9
Total Exports	1,256	4,244	-70.4	29,842	29,317	+1.8						
Total Domestic	21,678	23,090	-6.1	206,457	227,636	-9.3						
Bonding & Adhesives	1,294	1,289	+0.4	12,160	13,640	-10.9						
Flooring, Paving & Exposed Aggregate	1,400	1,735	-19.3	13,971	15,771	-11.4						
Protective Coatings	9,637	10,811	-10.9	95,783	109,934	-12.9						
Fiber Reinforced Laminates & Composites	4,976	5,280	-5.8	45,426	50,398	-9.9						
Tooling, Casting & Molding Resins	1,953	2,184	-10.6	18,933	22,439	-15.6						
All Other Uses	2,418	1,791	+35.0	20,184	15,454	+30.6						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	72,382	85,309	-15.2	665,002	773,615	-14.0	73,470	85,448	-14.0	669,559	791,446	-15.4
Exports, Total	582	546	+6.6	6,641	8,515	-22.0						
Domestic, Total	71,800	84,763	-15.3	658,361	765,100	-14.0						
General Purpose Resins, Total*	62,407	75,429	-17.3	579,295	676,035	-14.3						
General Purpose – Thixotropic *	26,470	28,972	-8.6	256,978	249,677	+2.9						
General Purpose – Press Molding *	7,743	11,090	-30.2	70,631	109,476	-35.5						
General Purpose – All Other*	28,194	35,367	-20.3	251,686	316,882	-20.6						
Flame Retardant Resins*	2,329	2,402	-3.0	15,804	22,064	-28.4						
Chemical Resistant Resins *	7,064	7,478	-5.5	63,262	75,516	-16.2						
Chemical Resistant Isophthalic Resins *	4,925	4,016	+22.6	43,058	46,081	-6.6						
All Other Chemical Resistant Resins*	2,139	3,462	-38.2	20,204	29,435	-31.4						
Reinforced Plastics, Total	52,716	66,605	-20.9	493,688	604,687	-18.4						
Non-Reinforced Plastics, Total	19,084	18,158	+5.1	164,673	160,413	+2.7						

* = Beginning in 1982 Exports are not included, in 1981 Exports were included.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

SEPTEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
UREA RESINS, TOTAL	84,538	100,618	-16.0	725,824	905,231	-19.8	85,897	101,997	-15.8	742,416	928,107	-20.0
MELAMINE RESINS, TOTAL	13,487	15,086	-10.6	117,714R	137,703	-14.5	13,815	15,794	-12.5	119,756R	141,076	-15.1
UREA & MELAMINE RESINS, TOTAL	98,025	115,704	-15.3	843,538R	1,042,934	-19.1	99,712	117,791	-15.3	862,172R	1,069,183	-19.4
Total Exports	1,335	1,007	+32.6	12,631	19,036	-33.6						
Total Domestic	96,690	114,697	-15.7	830,907R	1,023,898	-18.8						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	5,625	6,381	-11.8	50,324	57,771	-12.9	5,318	6,371	-16.5	50,647	62,076	-18.4
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	73,675	87,728	-16.0	638,813R	791,030	-19.2	74,581	88,380	-15.6	648,953R	802,030	-19.1
Laminating	2,367	2,709	-12.6	20,722R	25,694	-19.4	2,368	2,634	-10.1	21,301R	26,366	-19.2
Plywood	5,974	6,254	-4.5	50,379	57,155	-11.9	6,206	6,629	-6.4	51,252	59,871	-14.4
Fibrous & Granulated Wood (Particle Board)	65,334	78,765	-17.1	567,712	708,181	-19.8	66,007	79,117	-16.6	576,400	715,793	-19.5
Protective Coatings *(Straight & Modified)*	6,057	7,386	-18.0	49,182	53,451	-8.0	6,950	8,544	-18.7	58,236	67,709	-14.0
All Other Uses *(Includes Textile Treating & Coating Resins)*	11,333	13,202	-14.2	92,588	121,646	-23.9	12,863	14,496	-11.3	104,336	137,368	-24.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	178,262	199,355	-10.6	1,525,091R	1,858,977	-18.0	174,080	196,684	-11.5	1,479,580R	1,828,090	-19.1
Total Exports	1,165	1,478	-21.2	12,426R	15,854	-21.6						
Total Domestic	177,097	197,877	-10.5	1,512,665R	1,843,123	-17.9						
Molding Compounds	17,037	20,631	-17.4	141,768R	198,316	-28.5	19,672	25,355	-22.4	148,979R	223,259	-33.3
Bonding & Adhesive Resins for:	156,840	170,456	-8.0	1,340,781R	1,589,542	-15.6	151,011	163,917	-7.9	1,298,741R	1,546,007	-16.0
Laminating	9,244	11,146	-17.1	95,176	105,207	-9.5	8,264	10,684	-22.7	82,738	101,207	-18.2
Coated & Bonded Abrasives	2,004	3,646	-45.0	19,852R	28,577	-30.5	2,148	3,812	-43.7	19,374R	30,808	-37.1
Friction Materials	2,123	2,748	-22.7	20,380R	22,542	-9.6	1,820	2,639	-31.0	20,102R	22,725	-11.5
Insulation Materials	28,751	30,860	-6.8	246,271	274,289	-10.2	26,886	28,885	-6.9	232,512	258,871	-10.2
Foundry & Shell Molding	5,116	6,505	-21.4	49,799	61,769	-19.4	5,205	6,865	-24.2	50,024	62,217	-19.6
Plywood	90,781	91,103	-0.4	744,921	876,901	-15.1	87,943	87,372	+0.7	729,446	849,618	-14.1
Fibrous & Granulated Wood	12,668	17,128	-26.0	108,355	161,050	-32.7	12,173	15,524	-21.6	103,461	151,114	-31.5
Resins Sold to Rubber Industry	1,989	2,750	-27.7	16,824	17,834	-5.7	2,288	2,708	-15.5	17,721	18,896	-6.2
All Other	4,164	4,570	-8.9	39,203R	41,373	-5.2	4,284	5,428	-21.1	43,363R	50,551	-14.2
Protective Coatings – Unmodified & Modified	1,814	2,146	-15.5	13,926	20,420	-31.8	1,725	2,542	-32.1	14,666	22,024	-33.4
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	1,406	4,644	-69.7	16,190	34,845	-53.5	1,672	4,870	-65.7	17,194	36,800	-53.3

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure

R = Revision

 # = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — SEPTEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	726,731	627,406	+15.8	5,632,794R	5,653,453	-0.4	646,649	610,169	+6.0	5,519,868R	5,958,385	-7.4
Total Exports	119,972	52,150	+130.1	863,711	730,792	+18.2						
Total Domestic	606,759	575,256	+5.5	4,769,083R	4,922,661	-3.1						
Film *(12 Mils & Below)*	394,460	362,236	+8.9	2,965,220R	3,082,703	-3.8						
Sheet *(Over 12 Mils)*	1,386	847	+63.6	15,108	10,724	+40.9						
Injection Molding	48,659	44,387	+9.6	367,189R	390,013	-5.9						
Wire & Cable	25,497	31,623	-19.4	216,521	263,413	-17.8						
Extrusion Coating	43,552	46,987	-7.3	395,514	423,584	-6.6						
Blow Molding	3,497	4,648	-24.8	37,141	45,347	-18.1						
Pipe & Conduit	2,166	2,415	-10.3	21,494	19,125	+12.4						
Other Extruded Products	4,293	4,751	-9.6	37,795	47,258	-20.0						
All Other Uses	83,249	77,362	+7.6	713,101R	640,494	+11.3						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	433,165	397,904	+8.9	3,669,485	3,601,027	+1.9	417,669	375,542	+11.2	3,583,124R	3,603,494	-0.6
Total Exports	60,070	37,672	+59.5	466,164	333,404	+39.8						
Total Domestic	373,095	360,232	+3.6	3,203,321	3,267,623	-2.0						
Film *(12 Mils & Below)*	26,459	22,869	+15.7	200,898	213,279	-5.8						
Sheet *(Over 12 Mils)*	4,945	6,153	-19.6	42,982	42,768	+0.5						
Injection Molding	92,211	81,391	+13.3	815,707	760,186	+7.3						
Wire & Cable	9,059	10,827	-16.3	85,625	79,956	+7.1						
Extrusion Coating	1,502	2,542	-40.9	17,257	24,720	-30.2						
Blow Molding	149,828	149,899	0.0	1,284,923	1,319,135	-2.6						
Pipe & Conduit	34,768	33,053	+5.2	281,919	338,509	-16.7						
Other Extruded Products	1,842	1,105	+66.7	20,879R	15,080	+38.5						
All Other Uses	52,481	52,393	+0.2	453,131R	473,990	-4.4						
POLYPROPYLENE, TOTAL	316,027	308,654	+2.4	2,738,578	2,948,932	-7.1	280,706	308,915	-9.1	2,582,379	3,082,280	-16.2
Total Exports	35,419	37,039	-4.4	510,512	466,577	+9.4						
Total Domestic	280,608	271,615	+3.3	2,228,066	2,482,355	-10.2						
Injection Molding	98,880	106,550	-7.2	826,591	971,502	-14.9						
Appliances	6,621	8,261	-19.9	55,043	73,142	-24.7						
Consumer Products	24,464	31,026	-21.2	213,465	283,851	-24.8						
Rigid Packaging	27,784	23,677	+17.3	217,298	203,954	+6.5						
Transportation	23,585	22,258	+6.0	172,619	203,534	-15.2						
All Other Injection Molding	16,426	21,328	-23.0	168,166	207,021	-18.8						
Blow Molding	6,669	5,912	+12.8	51,366	49,610	+3.5						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	30,806	22,718	+35.6	227,035	231,726	-2.0						
Sheet *(Over 10 Mils)*	1,132	3,362	-66.3	13,979	26,152	-46.5						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	90,995	86,920	+4.7	668,662	806,352	-17.1						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	14,042	8,737	+60.7	75,349	78,006	-3.4						
All Other Uses	38,084	37,416	+1.8	365,084	319,007	+14.4						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Includes Ext. Coating, Wire & Cable, Pipe & Conduit

D - Disclosure R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	63,297	74,515	-15.1	564,186	714,009	-21.0	63,252	81,616	-22.5	575,400	724,439	-20.6
Total Exports	2,336	3,815	-38.8	37,255	36,300	+2.6						
Total Domestic	60,961	70,700	-13.8	526,931	677,709	-22.2						
Electrical & Electronic Uses	17,244	16,009	+7.7	132,820	158,041	-16.0						
Pipe, Conduit & Fittings	9,273	12,612	-26.5	84,432	146,136	-42.2						
Transportation	13,512	13,532	-0.1	114,994	129,415	-11.1						
Consumer & Institutional	8,910	12,224	-27.1	80,643	102,510	-21.3						
All Other Uses	12,022	16,323	-26.3	114,042	141,607	-19.5						
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,799	12,722	-46.6	63,062	84,413	-25.3	5,033	9,161	-45.1	72,005	84,370	-14.7
Total Exports	731	1,145	-36.2	7,872	11,564	-31.9						
Total Domestic	6,068	11,577	-47.6	55,190	72,849	-24.2						
POLYSTYRENE RESINS, TOTAL	309,391	338,392	-8.6	2,445,768	2,725,096	-10.3	302,236	332,387	-9.1	2,420,399R	2,756,395	-12.2
Straight Polystyrene	157,825	166,277	-5.1	1,256,973	1,345,230	-6.6	152,664	163,282	-6.5	1,254,616R	1,350,945	-7.1
Rubber-Modified Polystyrene	151,566	172,115	-11.9	1,188,795	1,379,866	-13.8	149,572	169,105	-11.6	1,165,783R	1,405,450	-17.1
Exports, Total	7,734	8,206	-5.8	76,692	124,386	-38.3						
Straight Polystyrene	3,624	4,970	-27.1	39,398	59,124	-33.4						
Rubber-Modified Polystyrene	4,110	3,236	+27.0	37,294	65,262	-42.9						
Domestic, Total	301,657	330,186	-8.6	2,369,076	2,600,710	-8.9						
Molding	136,697	159,142	-14.1	1,047,664	1,233,907	-15.1						
Extrusion	100,685	110,147	-8.6	817,079	857,883	-4.8						
Expandable Polystyrene Beads	40,067	35,838	+11.8	322,234	312,293	+3.2						
All Other Uses	24,208	25,059	-3.4	182,099	196,627	-7.4						
Polystyrene End Uses, Total **	301,657	330,186	-8.6	2,369,076	2,600,710	-8.9						
Packaging	102,165	111,592	-8.4	793,366	846,777	-6.3						
Consumer and Institutional Products	64,486	72,211	-10.7	495,104	554,271	-10.7						
Electrical / Electronics	30,726	31,661	-3.0	216,271	245,663	-12.0						
Furniture, Furnishings, Building and Construction	17,419	18,395	-5.3	135,044	138,573	-2.5						
Expandable Polystyrene Beads	40,067	35,838	+11.8	322,234	312,293	+3.2						
All Other End Uses	46,794	60,489	-22.6	407,057	503,133	-19.1						

** = Portions of the End Use Section are Estimated.

R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	40,877	50,194	-18.6	356,473R	484,172	-26.4	41,892	54,861	-23.6	361,683R	494,771	-26.9
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	1,827	2,717	-32.8	17,327	30,393	-43.0	1,712	2,866	-40.3	15,294	30,811	-50.4
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	42,704	52,911	-19.3	373,800R	514,565	-27.4	43,604	57,727	-24.5	376,977R	525,582	-28.3
Paper Treating	1,910	2,616	-27.0	18,391	26,214	-29.8						
Textile Treating	838	1,765	-52.5	9,996	21,843	-54.2						
Carpet Backing	18,275	19,322	-5.4	149,160R	206,455	-27.8						
All Other Uses (Including Exports & Paper Coating)	21,681	29,208	-25.8	196,253	260,053	-24.5						
OTHER STYRENE BASED POLYMERS, TOTAL *50% or more styrene*	11,953	12,097	-1.2	104,419	121,288	-13.9	12,743	15,339	-16.9	102,835	123,025	-16.4
Export, Total	1,377	1,971	-30.1	18,835	24,325	-22.6						
Domestic, Total	10,576	10,126	+4.4	85,584	96,963	-11.7						
NYLON RESINS, TOTAL	21,499	23,376	-8.0	194,032R	225,029	-13.8	19,774	25,054	-21.1	180,722R	242,335	-25.4
Total Exports	1,678	1,358	+23.6	14,071R	14,864	-5.3						
Total Domestic	19,821	22,018	-10.0	179,961R	210,165	-14.4						
Injection Molding Grade	11,561	13,489	-14.3	108,923	139,140	-21.7						
Extrusion Grade	6,695	7,104	-5.8	54,987	59,195	-7.1						
Resellers and Compounders	1,211	902	+34.3	12,179R	8,235	+47.0						
All Other Uses	354	523	-32.3	3,872	3,545	+9.2						

*** - *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	542,011	451,635	+20.0	4,181,336R	4,452,819	-6.1	477,889	455,626	+4.9	4,042,661R	4,566,602	-11.5
Homopolymer Resins including Blending and Latex	485,721	378,812	+28.2	3,698,411R	3,853,812	-4.0	420,565	381,661	+10.2	3,585,052R	3,942,377	-9.1
Copolymer Resins including Blending and Latex	23,778	34,664	-31.4	225,611R	278,677	-19.0	28,183	38,379	-26.6	211,135R	294,147	-28.2
Dispersion Resins	32,512	38,159	-14.8	257,314R	320,330	-19.7	29,141	35,586	-18.1	246,474R	330,078	-25.3
Total Exports	43,101	27,874	+54.6	438,636R	327,772	+33.8						
Total Domestic	498,910	423,761	+17.7	3,742,700R	4,125,047	-9.3						
Calendering, Total	66,905	58,579	+14.2	460,370R	503,846	-8.6						
Flooring	17,030	12,695	+34.1	113,175R	108,788	+4.0						
Textile	6,296	5,844	+7.7	45,704R	52,359	-12.7						
All Other Calendering Uses	43,579	40,040	+8.8	301,491R	342,699	-12.0						
Coating, Total	27,386	26,751	+2.4	200,834R	250,388	-19.8						
Flooring	11,273	11,123	+1.3	71,193R	100,951	-29.5						
Textile & Paper Coating	8,249	8,090	+2.0	67,330R	77,621	-13.3						
Protective Coatings	3,708	3,759	-1.4	29,647	32,290	-8.2						
Adhesives & All Other Coating Uses	4,156	3,779	+10.0	32,664	39,526	-17.4						
Extrusion, Total	313,533	249,294	+25.8	2,416,828R	2,542,416	-4.9						
Wire & Cable	34,145	33,692	+1.3	247,716R	282,748	-12.4						
Film & Sheet	33,428	30,561	+9.4	237,577R	227,414	+4.5						
Rigid Pipe & Tubing *(Except Fittings)*	197,489	145,437	+35.8	1,546,132R	1,665,309	-7.2						
All Other Extrusions	48,471	39,604	+22.4	385,403R	366,945	+5.0						
Molding, Total	32,881	36,411	-9.7	253,996R	296,749	-14.4						
Bottles	9,265	7,735	+19.8	69,875R	75,851	-7.9						
Sound Records	7,537	13,220	-43.0	74,345R	77,543	-4.1						
Fittings *(Rigid Pipe & Tubing)*	11,158	8,860	+25.9	74,074R	82,147	-9.8						
All Other Molding	4,921	6,596	-25.4	35,702	61,208	-41.7						
Paste Processes *(Except Coating)*	16,592	16,310	+1.7	131,591R	139,853	-5.9						
Plastisol Formulation	8,989	9,908	-9.3	63,591R	79,819	-20.3						
All Other	7,603	6,402	+18.8	68,000R	60,034	+13.3						
Resellers	17,075	15,304	+11.6	110,752	108,329	+2.2						
All Other Uses	24,538	21,112	+16.2	168,329	283,466	-40.6						

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(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1982

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	51,771	56,846	-8.9	434,751	501,339	-13.3						
Total Exports	515	1,300	-60.4	4,515	11,087	-59.3						
Total Domestic	51,256	55,546	-7.7	430,236	490,252	-12.2						
Emulsion Paints	14,406	15,954	-9.7	125,731	142,164	-11.6						
Adhesives, Caulks and Sealants	21,451	24,048	-10.8	178,692	205,083	-12.9						
Paper Treating & Paper Coating	8,813	6,957	+26.7	71,176	64,794	+9.8						
Textile Treating	1,892	1,962	-3.6	14,291	22,036	-35.1						
Non-Woven Binders	2,311	2,737	-15.6	19,753	23,431	-15.7						
All Other Uses	2,383	3,888	-38.7	20,593	32,744	-37.1						
POLYVINYL ALCOHOL, TOTAL #												
Total Exports												
Total Domestic												
OTHER VINYL RESINS*, TOTAL	13,965	16,263	-14.1	129,489	148,485	-12.8	13,609	17,015	-20.0	136,363	156,704	-13.0
Total Exports	3,387	2,721	+24.5	28,709	26,989	+6.4						
Total Domestic	10,578	13,542	-21.9	100,780	121,496	-17.1						
THERMOPLASTIC POLYESTER, TOTAL	52,733	49,312	+6.9	469,623	448,208	+4.8	45,811	52,258	-12.3	478,003	461,895	+3.5
Total Exports	3,642	4,500	-19.1	33,044	30,226	+9.3						
Total Domestic	49,091	44,812	+9.5	436,579	417,982	+4.4						
PET Bottle Grades	37,809	37,182	n.c.	345,923	355,540	n.c.						
All Other Thermoplastic Polyester**	11,282	7,630	n.c.	90,656	62,442	n.c.						

*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.

** Includes All Other PET and All Injection Molding Grades.

= Polyvinyl alcohol data has been deleted on a temporary basis for disclosure reasons.

n.c. = Not comparable due to a change in reporting in 1982.

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